

INVENTOR SEARCH

=> fil capl

FILE 'CAPLUS' ENTERED AT 15:12:53 ON 30 OCT 2007

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FILE LAST UPDATED: 29 Oct 2007 (20071029/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> => d que nos 179

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L1          1 SEA FILE=CAPLUS ABB=ON US2006-590569/AP
L2          294 SEA FILE=CAPLUS ABB=ON KANZAKI Y?/AU
L4          STR
L7          80221 SEA FILE=REGISTRY SSS FUL L4
L8          2263 SEA FILE=REGISTRY ABB=ON L7 AND P/ELS
L9          STR
L12         6557 SEA FILE=REGISTRY SUB=L7 SSS FUL L9
L13         6525 SEA FILE=REGISTRY ABB=ON L12/COMPLETE
L14         401 SEA FILE=REGISTRY ABB=ON L8 AND L13
L15         6492 SEA FILE=REGISTRY ABB=ON L13 AND S/ELS
L16         368 SEA FILE=REGISTRY ABB=ON L14 AND L15
L19         STR
L22         35 SEA FILE=REGISTRY SUB=L7 SSS FUL L19
L24         15918 SEA FILE=REGISTRY ABB=ON H3O4P
L28         2 SEA FILE=REGISTRY ABB=ON L16 NOT NC>1
L32         15129 SEA FILE=REGISTRY ABB=ON L7 AND C3H5NO
L33         5691 SEA FILE=REGISTRY ABB=ON L7 AND C7H13NO4S
L34         30 SEA FILE=REGISTRY ABB=ON L24 AND L32
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L42         19 SEA FILE=REGISTRY ABB=ON L32 AND NC<2
L44         29 SEA FILE=REGISTRY ABB=ON L33 AND NC<2
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L49         1 SEA FILE=CAPLUS ABB=ON L28
L50         2 SEA FILE=CAPLUS ABB=ON L38
L51         40077 SEA FILE=CAPLUS ABB=ON L42
L52         1897 SEA FILE=CAPLUS ABB=ON L44
L54         198912 SEA FILE=CAPLUS ABB=ON L24
L56         1331 SEA FILE=CAPLUS ABB=ON (L51 OR L52) AND L54
L58         178191 SEA FILE=CAPLUS ABB=ON L54 AND (PY<2005 OR AY<2005 OR
          PRY<2005)
L59         27 SEA FILE=CAPLUS ABB=ON L58 AND L51 AND L52

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L60 12148 SEA FILE=CAPLUS ABB=ON POLYPHOSPHORIC ACIDS/CT
 L61 38 SEA FILE=CAPLUS ABB=ON L58 AND (L51 OR L52) AND L60
 L63 43001 SEA FILE=CAPLUS ABB=ON (VINYL OR POLYVINYL)/CW
 L66 102758 SEA FILE=CAPLUS ABB=ON POLYAMIDES/CT
 L67 27 SEA FILE=CAPLUS ABB=ON L60 AND L63 AND L66
 L68 105332 SEA FILE=CAPLUS ABB=ON L7
 L69 4 SEA FILE=CAPLUS ABB=ON L67 AND L68
 L70 73100 SEA FILE=CAPLUS ABB=ON ELECTRIC CONDUCTORS/CT
 L71 14 SEA FILE=CAPLUS ABB=ON L56 AND L70
 L72 172 SEA FILE=CAPLUS ABB=ON L14
 L73 3 SEA FILE=CAPLUS ABB=ON L72 AND L70
 L74 4594 SEA FILE=CAPLUS ABB=ON L51(L)TEM/RL
 L75 363 SEA FILE=CAPLUS ABB=ON L52(L)TEM/RL
 L76 14559 SEA FILE=CAPLUS ABB=ON (L72 OR L60 OR L54) (L)TEM/RL
 L78 6 SEA FILE=CAPLUS ABB=ON L74 AND L75 AND L76
 L79 16 SEA FILE=CAPLUS ABB=ON (L1 OR L2) AND (L68 OR L48 OR L49 OR
 L50 OR L59 OR L61 OR L69 OR L71 OR L73 OR L78)

=> d ibib abs hitind hitstr l79 1-16

L79 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2007:937755 CAPLUS Full-text
 DOCUMENT NUMBER: 147:278498
 TITLE: Compositions containing N-phosphonyl
 (meth)acrylamides, their polymers, and application and
 manufacture of the compositions and polymers
 INVENTOR(S): Kanzaki, Yoshio
 PATENT ASSIGNEE(S): Uni-Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 63pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007211146	A	20070823	JP 2006-33100	20060209
PRIORITY APPLN. INFO.:			JP 2006-33100	20060209

AB The compns., useful as emulsifiers and solubilizers for rubbers, contain
 CH2:CR1aCONR2aXaOR3a (R1a = H, Me; R2a = H, hydrocarbyl; XaOR3a = phosphate
 residue), CH2:CR1bCON(XbOH)XcOR3b (R1b = H, Me; XbOH = phosphoric acid
 residue; XcOR3b = phosphate residue), and/or CH2:CR1cCON(XdOR3c)XeOR3d (R1c =
 H, Me; XdOR3c, XeOR3d = phosphate residue). The polymers are useful for
 conductive resins as binders for conductive metal pastes. Thus, CH2:CHCONH2
 was amidated with anhydrous H3PO4 and esterified with Nonion NS 202
 (nonylphenylethoxyethanol) to give a composition containing
 CH2:CHCON[P(O)(OH)2]P(O)(OH)OR (R = nonylphenylethoxyethyl) and
 CH2:CHCON[P(O)(OH)2]2. Vinyl acetate was mixed with the composition, water,
 and an aqueous ammonium persulfate solution, and emulsion-polymerized without
 separation and blocking to give a dispersion showing no apparent change after
 storage at room temperature for 1 mo.

CC 37-3 (Plastics Manufacture and Processing)
 Section cross-reference(s): 35, 38, 39, 76

IT Electric conductors
 (films; manufacture of N-phosphonyl (meth)acrylamide compns. as emulsifiers
 and rubber solubilizers and their polymers for conductive films and
 binders for conductive metal pastes)

IT 946492-01-9P, Acrylamide-N,N-diphosphonic acid-oxirane-vinyl

(FILE 'HOME' ENTERED AT 14:09:41 ON 30 OCT 2007)

FILE 'CAPLUS' ENTERED AT 14:10:13 ON 30 OCT 2007

E US2006-590569/APPS

L1 1 SEA ABB=ON US2006-590569/AP
D SCAN
L2 294 SEA ABB=ON KANZAKI Y?/AU
SEL RN L1

FILE 'REGISTRY' ENTERED AT 14:11:14 ON 30 OCT 2007

L3 27 SEA ABB=ON (28497-59-8/BI OR 863207-64-1/BI OR 863207-65-2/BI
OR 863207-66-3/BI OR 107-13-1/BI OR 1314-56-3/BI OR 15214-89-8/
BI OR 24599-21-1/BI OR 25014-41-9/BI OR 25067-61-2/BI OR
25086-48-0/BI OR 25087-26-7/BI OR 79-06-1/BI OR 79-41-4/BI OR
863207-68-5/BI OR 863207-69-6/BI OR 863496-24-6/BI OR 9002-86-2
/BI OR 9002-89-5/BI OR 9003-01-4/BI OR 9003-05-8/BI OR
9003-08-1/BI OR 9003-17-2/BI OR 9003-20-7/BI OR 9003-53-6/BI
OR 9004-34-6/BI OR 95175-93-2/BI)
D SCAN

FILE 'STNGUIDE' ENTERED AT 14:12:05 ON 30 OCT 2007

FILE 'REGISTRY' ENTERED AT 14:15:57 ON 30 OCT 2007

L4 STR
L5 50 SEA SSS SAM L4
L6 720247 SEA SSS FUL L4 EXTEND
L7 80221 SEA SSS FUL L4
L8 2263 SEA ABB=ON L7 AND P/ELS
L9 STR L4
L10 50 SEA SUB=L7 SSS SAM L9
L11 36154 SEA SUB=L7 SSS FUL L9 EXTEND
L12 6557 SEA SUB=L7 SSS FUL L9
L13 6525 SEA ABB=ON L12/COMPLETE
SAVE TEMP L13 KHA569SUB1/A
L14 401 SEA ABB=ON L8 AND L13
SAVE TEMP L14 KHA569SUB2/A
L15 6492 SEA ABB=ON L13 AND S/ELS
SAVE TEMP L15 KHA569SUB3/A
L16 368 SEA ABB=ON L14 AND L15
L17 22 SEA ABB=ON H3O4P/MF
D SCAN
L18 0 SEA ABB=ON L17 AND L3
D QUE L13
L19 STR L9
L20 2 SEA SUB=L7 SSS SAM L19
D SCAN
L21 63 SEA SUB=L7 SSS FUL L19 EXTEND
L22 35 SEA SUB=L7 SSS FUL L19
SAVE TEMP L22 KHA569SUB4/A

FILE 'LREGISTRY' ENTERED AT 14:32:49 ON 30 OCT 2007

L23 191 SEA ABB=ON H3O4P

FILE 'REGISTRY' ENTERED AT 14:33:20 ON 30 OCT 2007

L24 15918 SEA ABB=ON H3O4P
L25 77 SEA ABB=ON L15 AND L24
SAVE TEMP L25 KHA569SUB5/A
L26 0 SEA ABB=ON L25 AND L3
L27 2 SEA ABB=ON L15 AND L3

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      D SCAN
L28      2 SEA ABB=ON  L16 NOT NC>1
      D SCAN
      SAVE TEMP L28 KHA569SUB6/A
L29      17 SEA ABB=ON  L16 AND 2/NC
      D SCAN
L30      9 SEA ABB=ON  L7 AND L3
L31      3 SEA ABB=ON  L30 NOT (L22 OR L28)
      D SCAN
L32      15129 SEA ABB=ON  L7 AND C3H5NO
L33      5691 SEA ABB=ON  L7 AND C7H13NO4S
L34      30 SEA ABB=ON  L24 AND L32
L35      77 SEA ABB=ON  L24 AND L33
L36      0 SEA ABB=ON  L34 AND L35
L37      0 SEA ABB=ON  L34 AND NC<2
L38      1 SEA ABB=ON  L34 AND NC<3
      D SCAN
      SAVE TEMP L38 KHA569SUB7/A
L39      0 SEA ABB=ON  L35 AND NC<3
      D SCAN L3
L40      21 SEA ABB=ON  L3 NOT (L22 OR L28 OR L38)
      D SCAN
L41      2 SEA ABB=ON  L32 AND L40
      D SCAN
L42      19 SEA ABB=ON  L32 AND NC<2
L43      2 SEA ABB=ON  L41 AND L42
      SAVE TEMP L42 KHA569SUB8/A
      D SCAN L38
L44      29 SEA ABB=ON  L33 AND NC<2
      SAVE TEMP L44 KHA569SUB9/A
L45      190 SEA ABB=ON  L7 AND L24
L46      4 SEA ABB=ON  L45 AND NC<3
      D SCAN
L47      1 SEA ABB=ON  L46 AND (L22 OR L28 OR L38 OR L42 OR L44)
      D SCAN

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FILE 'CAPLUS' ENTERED AT 14:54:01 ON 30 OCT 2007

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L48      4 SEA ABB=ON  L22
L49      1 SEA ABB=ON  L28
L50      2 SEA ABB=ON  L38
L51      40077 SEA ABB=ON  L42
L52      1897 SEA ABB=ON  L44
L53      72473 SEA ABB=ON  L17
L54      198912 SEA ABB=ON  L24
L55      0 SEA ABB=ON  L53 NOT L54
L56      1331 SEA ABB=ON  (L51 OR L52) AND L54
L57      6 SEA ABB=ON  (L48 OR L49 OR L50)
L58      178191 SEA ABB=ON  L54 AND (PY<2005 OR AY<2005 OR PRY<2005)
L59      27 SEA ABB=ON  L58 AND L51 AND L52
      D SCAN L1
L60      12148 SEA ABB=ON  POLYPHOSPHORIC ACIDS/CT
      E POLYVINYL BUTYRALS+ALL/CT
L61      38 SEA ABB=ON  L58 AND (L51 OR L52) AND L60
L62      37 SEA ABB=ON  L61 NOT (L48 OR L49 OR L50 OR L59 OR L1)
      D QUE NOS L61
      D SCAN L1
L63      43001 SEA ABB=ON  (VINYL OR POLYVINYL)/CW
L64      7 SEA ABB=ON  L58 AND (L51 OR L52) AND L60 AND L63
L65      122 SEA ABB=ON  L60 AND L63
      E POLYAMIDE/CT

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E POLYAMIDES/CT
E E3+ALL

FILE 'STNGUIDE' ENTERED AT 15:03:19 ON 30 OCT 2007

FILE 'CAPLUS' ENTERED AT 15:04:34 ON 30 OCT 2007

L66 102758 SEA ABB=ON POLYAMIDES/CT
E POLYACRYLAMIDES/CT
E POLYACRYLAMIDE/CT
E E3+ALL
L67 27 SEA ABB=ON L60 AND L63 AND L66
D QUE
L68 105332 SEA ABB=ON L7
L69 4 SEA ABB=ON L67 AND L68
D QUE L61
D SCAN L1
L70 73100 SEA ABB=ON ELECTRIC CONDUCTORS/CT
L71 14 SEA ABB=ON L56 AND L70
L72 172 SEA ABB=ON L14
L73 3 SEA ABB=ON L72 AND L70
L74 4594 SEA ABB=ON L51(L)TEM/RL
L75 363 SEA ABB=ON L52(L)TEM/RL
L76 14559 SEA ABB=ON (L72 OR L60 OR L54) (L)TEM/RL
L77 174 SEA ABB=ON (L74 OR L75) AND L76
L78 6 SEA ABB=ON L74 AND L75 AND L76

FILE 'CAPLUS' ENTERED AT 15:12:53 ON 30 OCT 2007

L79 16 SEA ABB=ON (L1 OR L2) AND (L68 OR L48 OR L49 OR L50 OR L59 OR
L61 OR L69 OR L71 OR L73 OR L78)
D QUE NOS L79
D IBIB ABS HITIND HITSTR L79 1-16

FILE 'REGISTRY' ENTERED AT 15:14:40 ON 30 OCT 2007

D STAT QUE L14
D STAT QUE L22
D STAT QUE L28
D STAT QUE L38
D STAT QUE L42
D STAT QUE L44

FILE 'CAPLUS' ENTERED AT 15:15:15 ON 30 OCT 2007

D QUE NOS L48
D QUE NOS L49
D QUE NOS L50
D QUE NOS L59
D QUE NOS L61
D QUE NOS L69
D QUE NOS L71
D QUE NOS L73
D QUE NOS L78
L80 83 SEA ABB=ON (L48 OR L49 OR L50 OR L59 OR L61 OR L69 OR L71 OR
L73 OR L78) NOT L79
L81 47 SEA ABB=ON (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
L78) NOT L79
L82 2 SEA ABB=ON L61 AND (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR
L73 OR L78)
L83 1 SEA ABB=ON L82 NOT L79
D QUE L61
L84 331165 SEA ABB=ON CONDUCTIV?/OBI
L85 475893 SEA ABB=ON CONDUCT?/OBI

E COATING/CT
E E12+ALL
L86 482943 SEA ABB=ON COATING#/CW
L87 8 SEA ABB=ON L61 AND (L85 OR L86)
D QUE L87
L88 54 SEA ABB=ON (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
L78 OR L87) NOT L79
D IBIB ABS HITIND HITSTR L88 1-54

FILE 'HOME' ENTERED AT 15:21:18 ON 30 OCT 2007

D QUE NOS L48
D QUE NOS L49
D QUE NOS L50
D QUE NOS L59
D QUE NOS L61
D QUE NOS L69
D QUE NOS L71
D QUE NOS L73
D QUE NOS L78
D STAT QUE L14
D STAT QUE L22
D STAT QUE L28
D STAT QUE L38
D STAT QUE L42
D STAT QUE L44

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